

Document Log Item

Addressing	
From	To
Carl Goldstein/R9/USEPA/US	Allan Ota/R9/USEPA/US@EPA Allan Ota/R9/USEPA/US
CC	BCC
jcox@cosintl.com	
Description Form Used: Reply	
Subject	Date/Time
Ocean Dumping Fishwaste reporting system	08/27/2007 01:28 PM
# of Attachments	Total Bytes
0	31,202
NPM	Contributor
	Marcela VonVacano
Processing	
Comments	

Body

Document Body

Allan,

For this effort I suggest you continue to work directly with the dischargers. I am not familiar with the data base program. The person you need to work with at COS is:

Kenneth McLeod
Utilities Manager
email: kmcleod@sampac.com
phone: 684-644-5272
fax: 684-644-2680

This is all new to Ken and he also has many other duties. You can also write Jim Cox, who is their environmental engineer and manager based in San Diego.

Jim Cox
jcox@cosintl.com

Thanks,
-Carl

Allan Ota/R9/USEPA/US

Allan Ota/R9/USEPA/US

08/27/2007 12:52 PM

To: Carl Goldstein/R9/USEPA/US@EPA
cc: "Pace, Stephen D." <STEPHEN.D.PACE@saic.com>
Subject: Fw: Fishwaste reporting system

Carl,
My compliance monitoring contractor (Steve Pace) has not heard back from Samoa Packing since when we started requesting information for this project more than a month ago. We are getting ready to beta-test the database for the fishwaste data inputs, and we want to make sure Samoa Packing is not caught off guard. These enhancements should facilitate the reporting, over the current paper format. Del Monte has been responsive to our requests for information and appears to be on board with the proposed electronic data input form and automated database (Web accessible). Steve has also heard back from the disposal vessel captain and received the information he needs for the enhancements to disposal compliance data inputs.

If you can check in with them and make sure they are aware of this beta test, that would be great. Please have them contact Steve Pace directly at: "Pace, Stephen D." <STEPHEN.D.PACE@saic.com>. E-mail probably works best, but Steve can also be contacted by phone at: 401-862-4092.

Thanks.
Allan

Allan Ota
Oceanographer / Regional Ocean Dumping Coordinator
Dredging and Sediment Management Team (WTR-8)

U.S. Environmental Protection Agency, Region 9
75 Hawthorne Street
San Francisco, CA 94105

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415-972-3476 office
415-947-3537 fax
ota.allan@epa.gov
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----- Forwarded by Allan Ota/R9/USEPA/US on 08/27/2007 12:30 PM -----

"Pace, Stephen D."

<STEPHEN.D.PACE@saic.com>

To<kmcleod@sampac.com>, <jcox@cosintl.com>

ccAllan Ota/R9/USEPA/US@EPA

08/14/2007 04:55 AM

Subject: Fishwaste reporting system

Hello,

My name is Steve Pace from Science Applications International Corp. I've been tasked by Mr. Allan Ota of the EPA to provide an automated reporting system for the disposal of fish waste from American Samoa. He provided your e-mail address as a point of contact at the Samoa Packing Co., and described the mechanics of submitting reports to his office.

The goal of our task is to reduce or eliminate the amount of paperwork submitted to the EPA by installing an automated monitoring system on the Blue Moon, and by providing an Internet entry form for reporting cannery waste generation.

For the Blue Moon, we'll modify some of our existing equipment to provide a simple system that will automatically record the GPS position of the vessel and the disposal pump activity. The data will be downloaded by the crew at the end of the day onto a memory stick, and taken to shore to be e-mailed to our website. There, it will be displayed and made available to the stakeholders and the EPA.

We'll also automate the entry of the daily fish waste production at the cannery, and provide an on-line data entry form to be filled out by cannery personnel, and submitted on the Internet.

We will install the following equipment and software for the vessel:

- o GPS antenna and spare?
- o Automated logging system?
- o Current transformers for two pumps and wiring
- o Laptop PC and memory stick
- o Data download program?
- o Log entry program for trip observations (wind, waves, current, etc)

Once the installation of the equipment and software are complete, there should be no additional costs associated with its operation, except the data transfer from the vessel and e-mail dispatches to the website will depend on crew and cannery personnel.

Installation could be scheduled for October, once the equipment and software testing are finished in Rhode Island. The equipment can be installed onboard in a day or so, and shouldn't interfere with normal ship operations. The testing, flow calibration and crew training may take a few days and disposal trips to complete.

Please feel free to contact me with any questions you may have.

Thank you for your time and effort.

-----Original Message-----

From: Ota.Allan@epamail.epa.gov [<mailto:Ota.Allan@epamail.epa.gov>]

Sent: Mon 8/13/2007 12:00 PM

To: Pace, Stephen D.

Subject: Fw: Request for technical information

These are the only contacts I have - highlighted in BLUE. If these do not work, please let me know. I will try to get other contact info from the EPA-POC here in the office. If phone numbers will be helpful, I will try to get those as well. Carl - do you have phone numbers for Jim Cox and/or Mr. McLeod?

Allan Ota
Oceanographer / Regional Ocean Dumping Coordinator
U.S. Environmental Protection Agency, Region 9
75 Hawthorne Street
San Francisco, CA 94105

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415-972-3476 office
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ota.allan@epa.gov
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----- Forwarded by Allan Ota/R9/USEPA/US on 08/13/2007 08:55 AM -----

Allan
Ota/R9/USEPA/US
To
08/10/2007 09:04 "Pace, Stephen D."
AM <STEPHEN.D.PACE@saic.com>
cc

Subject
Fw: Request for technical
information

Have we received a response from Samoa Packing Company? The e-mail addresses I saw from Carl Goldstein's 5/29 e-mail for this company's contacts were:

kmcleod@sampac.com (I don't know this name)
jcox@cosintl.com (Jim Cox)

I thought I saw an early response from Jim Cox, but I can't find the
e-mail at the moment.

Allan Ota
Oceanographer / Regional Ocean Dumping Coordinator
U.S. Environmental Protection Agency, Region 9
75 Hawthorne Street
San Francisco, CA 94105

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415-972-3476 office
415-947-3537 fax
ota.allan@epa.gov
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----- Forwarded by Allan Ota/R9/USEPA/US on 08/10/2007 09:00 AM -----

"Carney, Joe"
<Joe.Carney@delmonte.com> To
"Pace, Stephen D."
08/09/2007 02:56 <STEPHEN.D.PACE@saic.com>, Allan
PM Ota/R9/USEPA/US@EPA
cc

Subject
RE: Request for technical
information

Hi

Are working with Samoa packing on this as well? They will need to be onboard with this for it to work. Who are you talking with at there plant?
Joe

From: Pace, Stephen D. [<mailto:STEPHEN.D.PACE@saic.com>]
Sent: Thursday, August 09, 2007 2:41 AM
To: Carney, Joe; ota.allan@epamail.epa.gov
Subject: RE: Request for technical information

Hi, Joe and Allan

As I understand our assignment, the amount of paperwork would be eliminated or reduced by the availability of data products on the website. At Allan's request, we will issue usernames and passwords to individual stakeholders and agency personnel, providing access to the information. Hopefully, in this way, we can reduce the burden of reporting monitoring information, while offering a wider distribution to all concerned.

From: Carney, Joe [<mailto:Joe.Carney@delmonte.com>]
Sent: Wednesday, August 08, 2007 8:45 PM
To: Pace, Stephen D.; ota.allan@epamail.epa.gov
Subject: RE: Request for technical information

Steve, Allen

I should have asked this question before.

If we go to this new system will it eliminate all hard copy quarterly reporting we currently send to several different agencies will all

involved have access to the web base data and accept it instead of the paper we do now? If I am reading this right, the only thing we will need to mail in are the once a month monitoring report's and the DMR for them. If we post the daily vessel volumes on the web page will we still have to send it in hard copy? I guess what I am after is what this will eliminate for the plant I see what it will do for the vessel.

Joe

From: Pace, Stephen D. [<mailto:STEPHEN.D.PACE@saic.com>]
Sent: Wednesday, August 08, 2007 8:43 AM
To: ota.allan@epamail.epa.gov
Cc: Carney, Joe
Subject: RE: Request for technical information

Hi, Allan

A question has come up about the need to manually record the vessel position, speed and heading data at 15-minute intervals by the crew. Am I correct in assuming this would no longer be necessary, because the automated system would provide this on the website?

Thanks for clarifying this. It will reduce the amount of work the crew is required to perform, and hopefully encourage the entry of the weather and sea information into electronic format.

From: Carney, Joe [<mailto:Joe.Carney@delmonte.com>]
Sent: Wednesday, August 08, 2007 3:20 PM
To: Pace, Stephen D.
Subject: RE: Request for technical information

Yes I think so.
Thanks Joe

From: Pace, Stephen D. [<mailto:STEPHEN.D.PACE@saic.com>]

Sent: Wednesday, August 08, 2007 8:12 AM
To: Carney, Joe
Cc: ota.allan@epamail.epa.gov
Subject: RE: Request for technical information

I understand the problem, and have reviewed the Special Conditions for vessel operations provided by Allan.

The two sections that require 15-minute interval records, 4.3.4.2 (disposal vessel position) and 4.7.2.6 (vessel speed and direction), would be addressed by the website display of GPS data acquired with the automated system. So the need to actively log this data would be eliminated, if I understand Allan's assignment to us.

The other logging requirement is for wind speed and direction at 30-minute intervals (Section 4.7.2.9), which would need to be entered.

Does this simplify the matter?

From: Carney, Joe [<mailto:Joe.Carney@delmonte.com>]
Sent: Wednesday, August 08, 2007 2:51 PM
To: Pace, Stephen D.
Cc: ota.allan@epamail.epa.gov
Subject: RE: Request for technical information

I am not sure about how they pump out or what order it is done in. As far as the Data entry I would like a comment from Allen on this one. At present they sea conditions are logged every 15 minutes so in a 5 hour trip there are 20 entry's that will have to be hand recorded as usual but when the vessel docks they will have to manually input this data. Is there any chance of cutting back on the number of entries maybe go every half hour instead of 15 minutes? This would cut the number of manual entry's by half and make it a little better for the ships crew.

Please let me know what your thoughts are.
Joe

From: Pace, Stephen D. [<mailto:STEPHEN.D.PACE@saic.com>]
Sent: Wednesday, August 08, 2007 7:37 AM
To: Carney, Joe
Cc: ota.allan@epamail.epa.gov
Subject: RE: Request for technical information

Thanks, Joe

Since the material is mixed, we'll need to make several correlation runs to account for differences in viscosity and content. I expect the draw on the pumps to change with the condition of the material. Are the contents of ship's tanks pumped individually?

If the log data entries are not made in an electronic format, the EPA will not be able to view that data on the website. I suppose an agreement can be reached between you as to how the matter will be handled.

From: Carney, Joe [<mailto:Joe.Carney@delmonte.com>]
Sent: Wednesday, August 08, 2007 2:20 PM
To: Pace, Stephen D.
Subject: RE: Request for technical information

It is in the original hand written form. The pumps on the vessel are 3 phase and all of the fluid is mixed precooker water, press liquor and daf sludge there is no way to separate them they are mixed in our single holding tank and then pumped to the boat. So going by the amp draw and trying to convert the flow on a flow curve chart will not be very accurate given the different types of fluid being pumped some very thin some very thick and the temperature of the fluid changes as well one tank may be hot and thin another may be cold and very thick.
Joe

From: Pace, Stephen D. [<mailto:STEPHEN.D.PACE@saic.com>]
Sent: Wednesday, August 08, 2007 3:43 AM
To: Carney, Joe
Subject: RE: Request for technical information

Sorry, Joe. I didn't recall the double entry point of this e-mail in my previous return.

How is the log data submitted to the EPA? Is it in the original hand-written form or is it transcribed into electronic format?

-----Original Message-----

From: Carney, Joe [<mailto:Joe.Carney@delmonte.com>]
Sent: Tue 8/7/2007 6:18 PM
To: Pace, Stephen D.
Subject: RE: Request for technical information

Hi, Steve

That sounds ok the only thing we will need to look at is the Log Entry for trip observations.

That is currently done manually on a hand written form every 15 minutes with the weather conditions here it will be impractical to type this in on the computer as they are running especially during the trade wind season. And there is no space at the Captains station for the laptop.

This will result in double recording once by hand and then re-entering it into the computer before the data is downloaded to the memory stick.

We will need to look at this and see what can be done to eliminate or at least reduce the extra steps.

Thanks Joe

-----Original Message-----

From: Pace, Stephen D. [<mailto:STEPHEN.D.PACE@saic.com>]
Sent: Tuesday, August 07, 2007 3:20 AM
To: Carney, Joe

Cc: ota.allan@epamail.epa.gov; Price, Ian; dick mikkelson
Subject: RE: Request for technical information

Hi, Joe

Ian Price provided an alternate contact for the Blue Moon in your absence, and Captain Mikkelson responded to my questions so that I have enough of an understanding to design a monitoring system.

In a nutshell, we'll modify some of our existing equipment to provide a simple, reliable system that will automatically record the GPS position of the vessel and the disposal pump activity. The data can be downloaded by the crew at the end of the day onto a memory stick, and taken to shore to be e-mailed to our website. There, it will be displayed and made available to the stakeholders and the EPA.

Allan Ota at the EPA also requested we automate the entry of the daily waste water production at the cannery. We will provide an on-line data entry form for this purpose.

We will install the following equipment and software for the vessel:

- GPS antenna and spare
- Automated logging system
- Current transformers for two pumps and wiring
- Laptop PC and memory stick
- Data download program
- Log entry program for trip observations (wind, waves, current, etc)

Once the installation of the equipment and software are complete, there should be no additional costs associated with its operation, other than data transfer from the vessel and e-mail dispatches to the website will depend on crew and cannery personnel.

Installation could be scheduled for October, once the equipment and software testing are finished in Rhode Island. The equipment can be

installed onboard in a day or so, and shouldn't interfere with normal ship operations. The testing, flow calibration and crew training may take a few days and disposal trips to complete.

Please feel free to contact me with any questions you may have.

Thank you for your time and effort.

-----Original Message-----

From: Carney, Joe [<mailto:Joe.Carney@delmonte.com>]
Sent: Monday, August 06, 2007 9:53 PM
To: Pace, Stephen D.
Subject: RE: Request for technical information

Hi

I am back in the office please let me know if you got what you needed.
Joe

-----Original Message-----

From: Pace, Stephen D. [<mailto:STEPHEN.D.PACE@saic.com>]
Sent: Monday, July 16, 2007 6:13 AM
To: Adams, Wayne
Cc: Price, Ian; Carney, Joe; ota.allan@epamail.epa.gov
Subject: RE: Request for technical information

Hi, Wayne

I understood from Ian's message, that you might be able to address the technical monitoring issues with the fish waste disposal vessel, Blue Moon. I haven't received the information requested three weeks ago from the contact Joe Carney provided, CaptainTaz@samoatelco.com. Is there another contact for the vessel, or could someone else provide the information requested below?

In designing an automated monitoring system, we also need to know the

cannery facilities where fish waste loading takes place. Can you let me know how many, and their designations?

Thank you for your help.

-----Original Message-----

From: Pace, Stephen D.

Sent: Tuesday, July 03, 2007 6:31 PM

To: Price, Ian

Subject: RE: Request for technical information

Thanks very much for your help. I can use the information to guide the design of an automated monitoring system.

-----Original Message-----

From: Price, Ian [<mailto:Ian.Price@delmonte.com>]

Sent: Tue 7/3/2007 2:38 PM

To: Pace, Stephen D.

Subject: RE: Request for technical information

Good morning Stephen, I do not have this information at hand but will do what I can to assist you, although Wayne should be back at work tomorrow.

Regards Ian.

From: Pace, Stephen D. [<mailto:STEPHEN.D.PACE@saic.com>]

Sent: Monday, July 02, 2007 1:41 PM

To: Price, Ian

Cc: Carney, Joe; Adams, Wayne

Subject: RE: Request for technical information

Hello, Mr. Price

I received your e-mail address from Mr. Adams automated response to my query. In the absense of both Mrrs. Adams and Carney, would you have an alternate source for the information listed below in a previous message to CaptainTaz?

Thank you for your assistance.

-----Original Message-----

From: Pace, Stephen D.

Sent: Mon 7/2/2007 8:15 PM

To: Carney, Joe

Cc: Adams, Wayne

Subject: RE: Request for technical information

Hello, Mr. Carney

I haven't received the information requested below from the CaptainTaz e-mail address, and thought I should contact you for an alternate source of information.

-----Original Message-----

From: Pace, Stephen D.

Sent: Mon 6/25/2007 10:41 AM

To: CAPTAINTAZ@samoatelco.com

Cc: Carney, Joe; Adams, Wayne

Subject: Pilot project for converting to automated electronic compliance monitoring of fishwaste disposal operations-Request for technical information

Greetings, Captain Taz

My name is Steve Pace from SAIC, and I've been tasked by the EPA to provide an automated monitoring system for the disposal of fish waste on the Blue Moon. Mr. Joe Carney provided your e-mail address, phone number and mailing address.

Mr. Allan Ota from the EPA described the existing monitoring system that has been used to report disposal activities. He mentioned GPS vessel position and the pump flow rate have been recorded on the vessel. There are a few inputs that could be considered for an automated system, and I'll need your help to determine them.

Please provide answers to the following:

Ø How many waste tanks are there on the Blue Moon, and what are their volumes?

Ø How many pumps are used to dispose the fish waste, and what are their power requirements (volts, amps)?

Ø How is flow rate presently monitored?

Ø How is the GPS and flow rate information presently recorded?

From this information, we'll be able to design a system that records vessel position, tank volumes and flow rates during disposal operations, transfers the data to our website, and graphically displays the

information to the EPA and other stake holders on the Internet.

Thank you for your help. My cell number is (401) 862-4092, if you can not provide the information by e-mail.